

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 5269.01	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/ 29809	International filing date (day/month/year) 27/10/2000	(Earliest) Priority Date (day/month/year) 27/10/1999
Applicant DISCOVERY COMMUNICATIONS, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 06 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☒ Unity of invention is lacking (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

24b

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/29809

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/60 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F H04J H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 45491 A (NUVOMEDIA INC) 10 September 1999 (1999-09-10) page 5, line 25 -page 8, line 21 ---	1-17
Y	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08, 30 June 1999 (1999-06-30) & JP 11 068770 A (NEC CORP), 9 March 1999 (1999-03-09) abstract ---	1-17
Y	US 5 819 301 A (MCQUARRIE ELIZABETH M ET AL) 6 October 1998 (1998-10-06) column 3, line 40 -column 7, line 49 --- -/--	2,4,5, 10-12, 15,16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 September 2002

Date of mailing of the international search report

21.02.03

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Beatty, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/29809

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 727 065 A (DILLON DOUGLAS M) 10 March 1998 (1998-03-10) column 3, line 20 -column 12, line 32 ---	10-17
Y	US 5 844 890 A (LEICHTY PHILIP LYNN ET AL) 1 December 1998 (1998-12-01) column 1, line 15 -column 6, line 10 ---	3-7,9
A	US 5 721 956 A (OZDEN BANU ET AL) 24 February 1998 (1998-02-24) the whole document ---	1-17
A	EP 0 924 629 A (ADOBE SYSTEMS INC) 23 June 1999 (1999-06-23) the whole document -----	12

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-17

Independent claim 1 relates to an electronic book system that comprises: a queue processor that determines a queue location; and two types of queue each for storing sections of electronic books.

2. Claims: 18-28

Independent claim 18 relates to a computer system for distributing electronic books comprising: a processor section for packaging electronic books; a queue section for storing the packaged electronic books; and a queue server that empties the queue section.

3. Claims: 29-37

Independent claim 29 relates to a computer system for distributing electronic books comprising: a queue selection module that determines a queue for storing a packet containing an ordered electronic book and a header section; and a queue service module that determines a priority for delivery of the packet.

4. Claims: 38-50

Independent claim 38 relates to an apparatus for providing electronic books comprising: a main interface that receives a request for a main section of an electronic book; and a main processor that locates the requested main section.

5. Claims: 51-78

Independent claims 51 and 65 relate to a computer-readable medium for controlling an electronic book delivery system including a broadcast module that determines a selection of electronic books for broadcast wherein orders received from readers are based on the selection broadcast to readers.

6. Claim : 79

Independent claim 79 relates to a user interface for ordering and receiving electronic books

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/29809

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9945491	A	10-09-1999	US 2001011238 A1	02-08-2001
			EP 1070298 A1	24-01-2001
			EP 1121779 A1	08-08-2001
			WO 9945491 A1	10-09-1999
			WO 0021239 A1	13-04-2000
			US 2001012000 A1	09-08-2001
			US 2002007454 A1	17-01-2002
JP 11068770	A	09-03-1999	JP 2967767 B2	25-10-1999
US 5819301	A	06-10-1998	US 5737599 A	07-04-1998
			US 5781785 A	14-07-1998
			CA 2233023 A1	03-04-1997
			EP 0870246 A1	14-10-1998
			JP 2000500887 T	25-01-2000
			WO 9712328 A1	03-04-1997
			US 6073148 A	06-06-2000
			US 5860074 A	12-01-1999
US 5727065	A	10-03-1998	US 6337911 B1	08-01-2002
			US 2002001387 A1	03-01-2002
US 5844890	A	01-12-1998	CN 1194522 A ,B	30-09-1998
			GB 2324679 A ,B	28-10-1998
			JP 10276220 A	13-10-1998
US 5721956	A	24-02-1998	NONE	
EP 0924629	A	23-06-1999	US 6006236 A	21-12-1999
			EP 0924629 A2	23-06-1999
			JP 11250107 A	17-09-1999